RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____ *10/533, 047* _____
Source: _____ *PCT* _____
Date Processed by STIC: _____ *02/15/2006* _____

ENTERED

PCT

```
 3 <110> APPLICANT: Jain, Rakesh K.
 4        Fukumura, Dai
 6 <120> TITLE OF INVENTION: Repairing or Replacing Tissues or Organs
 8 <130> FILE REFERENCE: 00786/433002
10 <140> CURRENT APPLICATION NUMBER: 10/533,047
11 <141> CURRENT FILING DATE: 2005-04-28
13 <150> PRIOR APPLICATION NUMBER: PCT/US2003/034838
14 <151> PRIOR FILING DATE: 2003-10-30
16 <150> PRIOR APPLICATION NUMBER: 60/422,709
17 <151> PRIOR FILING DATE: 2002-10-31
19 <160> NUMBER OF SEQ ID NOS: 25
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 24
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Primer
31 <400> SEQUENCE: 1
32 atgacagttt tcctttcctt tgca                                      24
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 24
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Primer
43 <400> SEQUENCE: 2
44 ttcttcgctg ccattctgac tcac                                      24
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 24
49 <212> TYPE: DNA
50 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <223> OTHER INFORMATION: Primer
55 <400> SEQUENCE: 3
56 catcatggtg gtggaacgta agga                                      24
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 24
61 <212> TYPE: DNA
62 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Primer
67 <400> SEQUENCE: 4
```

RAW SEQUENCE LISTING   DATE: 02/15/2006
PATENT APPLICATION: US/10/533,047   TIME: 10:10:22

Input Set : **A:\00786.433002.txt**
Output Set: **N:\CRF4\02152006\J533047.raw**

```
68 atgtggcaga tcattttcct aact                                    24
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 23
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Primer
79 <400> SEQUENCE: 5
80 tttggctggg atcttgtctt ggc                                     23
83 <210> SEQ ID NO: 6
84 <211> LENGTH: 24
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Primer
91 <400> SEQUENCE: 6
92 ccagtagtac cacttgatac cgtt                                    24
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 24
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Primer
103 <400> SEQUENCE: 7
104 ctggaagaca gctcctcctc gaag                                   24
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 23
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Primer
115 <400> SEQUENCE: 8
116 atgtgtgatg cctttgtggg aac                                    23
119 <210> SEQ ID NO: 9
120 <211> LENGTH: 23
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Primer
127 <400> SEQUENCE: 9
128 taatcaacat aaccatatcc aat                                    23
131 <210> SEQ ID NO: 10
132 <211> LENGTH: 19
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Primer
139 <400> SEQUENCE: 10
140 tccggatcca tgaactttc                                         19
```

RAW SEQUENCE LISTING   DATE: 02/15/2006
PATENT APPLICATION: US/10/533,047   TIME: 10:10:22

Input Set : A:\00786.433002.txt
Output Set: N:\CRF4\02152006\J533047.raw

```
143 <210> SEQ ID NO: 11
144 <211> LENGTH: 18
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Primer
151 <400> SEQUENCE: 11
152 tggctcaccg ccttggct                                          18
155 <210> SEQ ID NO: 12
156 <211> LENGTH: 23
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Primer
163 <400> SEQUENCE: 12
164 ggggcaggtt ctggtattgg atg                                    23
167 <210> SEQ ID NO: 13
168 <211> LENGTH: 24
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Primer
175 <400> SEQUENCE: 13
176 cctcgcacag tgcgccagaa aatg                                   24
179 <210> SEQ ID NO: 14
180 <211> LENGTH: 24
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Primer
187 <400> SEQUENCE: 14
188 gctgcttgtt gcactgctgc agct                                   24
191 <210> SEQ ID NO: 15
192 <211> LENGTH: 24
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Primer
199 <400> SEQUENCE: 15
200 tctgcattca cattggctgt gttc                                   24
203 <210> SEQ ID NO: 16
204 <211> LENGTH: 24
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Primer
211 <400> SEQUENCE: 16
212 atgcacttgc tgtgcttctt gtct                                   24
215 <210> SEQ ID NO: 17
```

RAW SEQUENCE LISTING   DATE: 02/15/2006
PATENT APPLICATION: US/10/533,047   TIME: 10:10:22

Input Set : **A:\00786.433002.txt**
Output Set: **N:\CRF4\02152006\J533047.raw**

```
216 <211> LENGTH: 24
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Primer
223 <400> SEQUENCE: 17
224 ctctgtgtta taatgtgcag cagc                                    24
227 <210> SEQ ID NO: 18
228 <211> LENGTH: 24
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Primer
235 <400> SEQUENCE: 18
236 cctcatgatg ttccatgtgt actt                                    24
239 <210> SEQ ID NO: 19
240 <211> LENGTH: 24
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Primer
247 <400> SEQUENCE: 19
248 tgtctctcta gggctgcatt gggt                                    24
251 <210> SEQ ID NO: 20
252 <211> LENGTH: 24
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Primer
259 <400> SEQUENCE: 20
260 catgagattg gcagtgattt gctt                                    24
263 <210> SEQ ID NO: 21
264 <211> LENGTH: 24
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Primer
271 <400> SEQUENCE: 21
272 tctgcttgtg tactagcagt gacg                                    24
275 <210> SEQ ID NO: 22
276 <211> LENGTH: 25
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Primer
283 <400> SEQUENCE: 22
284 agggactctg tgtggaagta ctgtt                                   25
287 <210> SEQ ID NO: 23
288 <211> LENGTH: 24
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/533,047

DATE: 02/15/2006
TIME: 10:10:22

Input Set : A:\00786.433002.txt
Output Set: N:\CRF4\02152006\J533047.raw

```
289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Primer
295 <400> SEQUENCE: 23
296 ctggtctggc acagttgagc agtg                                          24
299 <210> SEQ ID NO: 24
300 <211> LENGTH: 24
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Primer
307 <400> SEQUENCE: 24
308 ggcggcgaga acgagaagaa aaag                                          24
311 <210> SEQ ID NO: 25
312 <211> LENGTH: 24
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Primer
319 <400> SEQUENCE: 25
320 cacgttatca gaaatgtaaa ccat                                          24
```

VERIFICATION SUMMARY   DATE: 02/15/2006
PATENT APPLICATION: US/10/533,047   TIME: 10:10:23

Input Set : A:\00786.433002.txt
Output Set: N:\CRF4\02152006\J533047.raw